

Title (en)

GAS TURBINE ENGINE

Title (de)

GASTURBINENTRIEBWERK

Title (fr)

MOTEUR DE TURBINE À GAZ

Publication

EP 3575578 A1 20191204 (EN)

Application

EP 19172088 A 20190501

Priority

GB 201808852 A 20180531

Abstract (en)

A gas turbine engine comprising: a compressor; a first turbine; and a first compressor bleed valve in fluid communication with the compressor and configured to release bleed air from the compressor; wherein the first compressor bleed valve is configured to release bleed air to a downstream location in the engine, the downstream location being downstream of the first turbine; wherein the first compressor bleed valve is configured to open wherein the first compressor bleed valve is configured to open to at least two positions, to thereby release a variable amount of bleed air from the compressor.

IPC 8 full level

F02C 9/18 (2006.01); **F02K 3/075** (2006.01)

CPC (source: EP US)

F02C 6/08 (2013.01 - US); **F02C 7/36** (2013.01 - US); **F02C 9/18** (2013.01 - EP US); **F02K 3/02** (2013.01 - US); **F02K 3/075** (2013.01 - EP);
F04D 27/0215 (2013.01 - US); **F02K 3/06** (2013.01 - US); **F02K 3/105** (2013.01 - EP); **F04D 27/0215** (2013.01 - EP); **F04D 27/023** (2013.01 - EP);
F05D 2270/3015 (2013.01 - EP); **F05D 2270/64** (2013.01 - US); **F16K 15/038** (2013.01 - US); **Y02T 50/60** (2013.01 - EP)

Citation (search report)

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- [X] JP 2003148167 A 20030521 - ISHIKAWAJIMA HARIMA HEAVY IND
- [Y] EP 1854989 A2 20071114 - ROHR INC [US]
- [Y] EP 2431591 A2 20120321 - ROLLS ROYCE PLC [GB]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3575578 A1 20191204; GB 201808852 D0 20180718; US 11248535 B2 20220215; US 2020291866 A1 20200917

DOCDB simple family (application)

EP 19172088 A 20190501; GB 201808852 A 20180531; US 201916401225 A 20190502